



**Citrix**

## **Exam Questions 1Y0-312**

Citrix Virtual Apps and Desktops 7 Advanced Administration

#### NEW QUESTION 1

Scenario: A Citrix Engineer needs to upgrade a large Citrix Virtual Apps and Desktops environment to a higher version. The engineer is looking for information on Delivery Controller and Virtual Delivery Agent (VDA) machine Microsoft hotfixes and service packs along with the site information and the License Server information.

Which tool should the engineer use to extract the required information?

- A. Citrix Diagnostic Facility (CDF) Control
- B. Citrix Director
- C. Citrix Diagnostic Facility (CDF) Monitor
- D. Citrix Scout

**Answer:** D

#### Explanation:

<https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/manage-deployment/cis/scout.html#what-is-collected>

#### NEW QUESTION 2

A Citrix Engineer is using the Citrix Profile Management Health Status feature within the Workspace Environment Management (WEM) environment.

Which file should the engineer review for results of these health checks to identify specific issues?

- A. AuthManConfig.xml
- B. UpmConfigCheckOutput.xml
- C. UserProfileManager.log
- D. #\_pm\_config.log

**Answer:** B

#### NEW QUESTION 3

Scenario: A Citrix Engineer manages a Citrix Virtual Apps and Desktops on-premises environment, which includes the following Citrix infrastructure servers running in the datacenter:

- Two Citrix Gateway servers
- Two StoreFront servers
- Two Delivery Controllers
- One Citrix Director server
- One Citrix License Server
- Two SQL servers

The engineer needs to move the Control Layer to Citrix Cloud as part of the business goals for this year. Which statement is true regarding Citrix Gateway for this environment?

- A. The Citrix Cloud Connector acts as a Secure Ticket Authority (STA) server on the Citrix Gateway
- B. Citrix Gateway must be moved to Citrix Cloud
- C. Citrix StoreFront must be moved to Citrix Cloud
- D. The Delivery Controllers act as Secure Ticket Authority (STA) servers on the Citrix Gateway

**Answer:** B

#### NEW QUESTION 4

Which two statements are true regarding the Citrix App Layering Management Console? (Choose two.)

- A. It is only supported as an on-premises solution for Citrix App Layering.
- B. It is used to manage system settings for Citrix App Layering.
- C. It is used to add layered images into Citrix Studio.
- D. It is a web-based console that runs on the Enterprise Layer Manager (ELM) server.
- E. It coordinates all communications within the Citrix App Layering environment.

**Answer:** BD

#### Explanation:

<https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/app-layering.html>

#### NEW QUESTION 5

In which two ways can a Citrix Engineer encrypt communication between the Virtual Delivery Agent (VDA) machines and Citrix Workspace app? (Choose two.)

- A. Install a certificate on the Delivery Controllers.
- B. Enable TLS on the VDA machines.
- C. Install a certificate on the VDA machines.
- D. Enable TLS on the StoreFront servers.

**Answer:** BC

#### NEW QUESTION 6

Which tool should a Citrix Engineer use to change the priority of an application layer to meet business requirements?

- A. PowerShell on ELM server

- B. ELM Management console
- C. PowerShell on Delivery Controller
- D. LayerPriority Utility

**Answer:** D

#### NEW QUESTION 7

Scenario: A user from the 'test.com' domain is browsing a StoreFront server from the 'corp.com' domain with URL: <https://sf.corp.com>. The user notices that the browser redirects to a server with URL: [https:// apps.test.com](https://apps.test.com) and again back to <https://sf.corp.com>. The user logged into the StoreFront store without getting any authentication prompt.

is the Identity provider and is the authentication method used in this scenario.

- A. sf.corp.com; Kerberos
- B. sf.corp.com; NTLM
- C. apps.test.com; SAML
- D. apps.test.com; NTLM
- E. sf.corp.com; SAML

**Answer:** C

#### Explanation:

<https://support.citrix.com/article/CTX220638>

#### NEW QUESTION 8

Which component must a Citrix Engineer use to configure security settings on User Layer folders?

- A. Delivery Controller
- B. Site database
- C. File server
- D. Enterprise Layer Manager (ELM) Server Management console

**Answer:** D

#### Explanation:

<https://docs.citrix.com/en-us/citrix-app-layering/4/layer/enable-user-layers.html#configure-security-settings-on>

#### NEW QUESTION 9

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps environment. The engineer has recently noticed two single-threaded applications consistently consuming 25% of the CPU resources, causing substantial performance issues for users of these servers. The engineer has deployed Workspace Environment Management (WEM) within the infrastructure and enabled CPU Spikes Protection.

What else can the engineer enable within WEM to address this issue?

- A. Exclude Specified Processes and add the two problem applications
- B. Process Affinity and add the two problem applications
- C. CPU Clamping and set it to 10% for the two problem applications
- D. Limit Sample Time and set it to 10% for the two problem applications

**Answer:** C

#### NEW QUESTION 10

Scenario: A newly created Citrix Virtual Apps and Desktops site has sensitive information. The users consistently use different browsers for their daily tasks. A Citrix Engineer is looking for ways to minimize attacks like ransomware, phishing, and session hijacking.

Which two steps can the engineer take to minimize attacks without interfering with user productivity? (Choose two.)

- A. Disable access to specific browsers.
- B. Disable all the user plugins.
- C. Implement HTTP Strict Transport Security (HSTS).
- D. Use HTTP response headers to send security policies to endpoint browsers.

**Answer:** BC

#### Explanation:

[https://cheatsheetseries.owasp.org/cheatsheets/HTTP\\_Strict\\_Transport\\_Security\\_Cheat\\_Sheet.html](https://cheatsheetseries.owasp.org/cheatsheets/HTTP_Strict_Transport_Security_Cheat_Sheet.html)

#### NEW QUESTION 10

Scenario: A large company recently acquired a smaller company. A Citrix Engineer needs to add more resources in the environment, so that all users can access the published resources.

The engineer has planned to add six more StoreFront servers to the existing StoreFront server group with four StoreFront servers.

The engineer found that the scalability declined after reaching the seventh StoreFront.

What should the engineer increase in the StoreFront server group to prevent issues in the scalability?

- A. The RAM for the initial StoreFront servers before adding more servers.
- B. The CPUs allocated to the initial StoreFront servers, before adding more servers.
- C. The RAM for the six new StoreFront servers.
- D. The CPUs allocated for the six new StoreFront servers.

**Answer:** B

#### NEW QUESTION 14

How can a Citrix Engineer use Session-Based Computing/Hosted Virtual Desktop (SBC/HVD) Tuning to optimize a user's desktop?

- A. Control user permissions to external drives.
- B. Intelligently modify CPU resource allocation.
- C. Modify settings that improve the user experience.
- D. Enable Single Sign-on to the virtual desktop.

**Answer:** C

#### Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/user-interface-description/pol>

#### NEW QUESTION 19

Scenario: A Citrix Engineer created four application layers with different applications at different time stamps as shown below:

App Layer A – Microsoft Office Professional – 15/08/2019, 14:28

App Layer B – Adobe Acrobat Reader and Cisco Webex – 14/07/2019, 11:45

App Layer C – Active Directory Users & Computers, Citrix Studio – 20/08/2019, 16:10

App Layer D – Google Chrome and GoToMeeting – 27/07/2019, 10:35

Which layer would hold the highest priority in this scenario?

- A. App Layer A
- B. App Layer D
- C. App Layer B
- D. App Layer C

**Answer:** D

#### Explanation:

<https://docs.citrix.com/en-us/citrix-app-layering/4/layer.html>

#### NEW QUESTION 21

Scenario: A Citrix Engineer recently changed the XML port in the Citrix Virtual Apps and Desktops site. After the change, the engineer observed that there is an XML communication port mismatch. The engineer immediately identified that the port was only changed on the Delivery Controller and no change was performed on the StoreFront server.

What are the two ways the engineer can change the port on the StoreFront server to match the changes made on the Delivery Controller? (Choose two.)

- A. Run a PowerShell command on the Delivery Controller to change the port on the StoreFront server
- B. Make changes in the web.config file on the StoreFront server
- C. Run a PowerShell command on the StoreFront server
- D. Make changes in the StoreFront settings using the StoreFront console

**Answer:** BC

#### NEW QUESTION 24

How can a Citrix Engineer setup synchronization of subscription data between server groups using a replication schedule?

- A. Execute a Windows PowerShell command on the StoreFront server
- B. Make changes in the subscription file on the StoreFront server
- C. Make changes in the web.config file on the StoreFront server
- D. Use the StoreFront console

**Answer:** B

#### NEW QUESTION 26

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment. The engineer has recently deployed a new Workspace Environment Management (WEM) configuration to help improve the performance of published applications and desktops.

In which two ways can the new WEM deployment benefit the user experience? (Choose two.)

- A. Improved overall logon performance for both applications and desktops.
- B. Optimized application availability through advanced traffic management.
- C. Pro-active monitoring of system resources to provide optimal performance.
- D. Enhanced network compression capabilities for both applications and desktops.
- E. Improved Single Sign-on capabilities for both applications and desktops.

**Answer:** AC

#### NEW QUESTION 28

Scenario: An existing setup of session recording has stopped working. After investigating, a Citrix Engineer finds that the Session Recording Agent cannot connect to the Session Recording Server. The following error is displayed:

"The underlying connection was closed. Could not establish a trust relationship for the SSL/TLS secure channel. "

Which two issues could cause this error? (Choose two.)

- A. The Session Recording server is down or unavailable to accept requests.
- B. The sessions are started but a request for a record policy evaluation was NOT made.
- C. The server hosting the Session Recording Agent does NOT have a CA certificate.
- D. The Session Recording server is using a certificate signed by a CA that the server hosting the Session Recording Agent does NOT trust.

**Answer:** CD

**Explanation:**

"The underlying connection was closed. Could not establish a trust relationship for the SSL/TLS secure channel. This exception means that the Session Recording Server is using a certificate that is signed by a CA that the server on which the Session Recording Agent resides does not trust, or have a CA certificate for. Alternatively, the certificate might have expired or been revoked."

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/monitor/session-recording/troubleshooting.html>

**NEW QUESTION 29**

Scenario: A Citrix Engineer is managing a large Citrix Virtual Apps and Desktops environment with three sites. Users connecting to applications and VDI machines in these sites are using a common Citrix ADC Gateway. The engineer wants to configure peripheral federation and port redirection policies for secure access to the site resources.

Which feature should the engineer use to configure policies centrally only once and avoid configuring them on each site?

- A. SmartAccess
- B. SmartCheck
- C. SmartTools
- D. SmartControl

**Answer:** D

**Explanation:**

<https://docs.citrix.com/en-us/netScaler-gateway/12/integrate-web-interface-apps/smart-control.html>

**NEW QUESTION 31**

Which three layers can a Citrix Engineer include in an image template? (Choose three.)

- A. Platform
- B. OS
- C. User
- D. Application
- E. Elastic

**Answer:** ABD

**Explanation:**

<https://docs.citrix.com/en-us/citrix-app-layering/4/publish/create-image-template.html>

**NEW QUESTION 32**

A Citrix Engineer wants to setup multi-site configurations, grouping Citrix Virtual Apps and Desktops deployments that deliver the same desktop or application so that identical resources can be aggregated for users.

What are two considerations regarding resources that the engineer needs to consider before setting up multi-site configuration? (Choose two.)

- A. They must have the same name.
- B. They should be delivered from the same site.
- C. They must have the same path on each server to be aggregated.
- D. They must be tagged.

**Answer:** AC

**NEW QUESTION 35**

Scenario: A Citrix Engineer is managing a large environment with multiple locations. The setup is as follows:

- The setup has a single Citrix Virtual Apps and Desktops site with multiple zones such as a Primary zone and 3 Satellite zones.

-Virtual Delivery Agents (VDAs) are available for all applications in all 3 Satellite zones.

-An application 'app1' has its application database located in Satellite zone.

-As a sovereign mandate, it is desirable that this application database should NOT be accessible from zones 2 and 3.

-The application does NOT create any database cache and cannot work if the database is NOT reachable. - The outage is acceptable for complying with the sovereign mandate.

Which zone preference should the engineer configure to achieve this setup?

- A. Mandatory application home to Satellite zone 1
- B. User home to Satellite zone 1
- C. Mandatory user home to Satellite zone 1
- D. Application home to Satellite zone 1

**Answer:** A

**Explanation:**

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/manage-deployment/zones.html>

**NEW QUESTION 40**

Which two statements are true for a Workspace Environment Management (WEM) configuration set? (Choose two.)

- A. A WEM Agent can point to more than one WEM configuration set.
- B. The Environmental Settings within the WEM Administration Console are per machine, NOT per user.
- C. Multiple configuration sets are needed in cases of different global settings for different agents.
- D. A configuration set is related to a Citrix Virtual Desktops site and is NOT an independent entity.

**Answer:** BC

#### NEW QUESTION 44

Which two statements are true regarding the creation of OS Layers with Citrix App Layering? (Choose two.)

- A. When there is a need to update the OS of a layered image, it is ideal to create a new OS Layer.
- B. Virtual machines built as the OS Layer should be joined to a functional Active Directory domain within the infrastructure that will be utilized.
- C. The Windows Updates feature should be left enabled within the OS Layer in case any new updates occur once the OS Layer is deployed.
- D. Any Microsoft products that are updated by the Windows Updates feature should be included in the OS Layer.
- E. For best performance, complete a clean installation of the Windows operating system when building an OS Layer.

**Answer:** DE

#### NEW QUESTION 48

When troubleshooting authentication issues through Citrix Gateway, the raw event output from the audit daemon can be reviewed in the.

- A. ns.log
- B. aaad.debug module
- C. Wireshark trace
- D. nsvpn.log

**Answer:** B

#### NEW QUESTION 51

Which three components will be available during a SQL Server outage? (Choose three.)

- A. Hosted Windows and Browser Applications
- B. Personal Desktops
- C. Hosted Shared Desktops
- D. Remote PC Desktop (for Automatic enrollment)
- E. Citrix Studio

**Answer:** ABC

#### NEW QUESTION 53

Scenario: A Citrix Engineer is working on a Citrix Virtual Apps and Desktops deployment. The engineer is considering implementation of a multi-zone site instead of multiple sites.

Which three benefits of zones can help the engineer to support this decision? (Choose three.)

- A. Zones can help in managing multiple locations without multiple SQL databases.
- B. Zone implementation in a site reduces the dependency of site on site database.
- C. Zones lower the administrative overhead and implementation cost.
- D. Zones help users with fast resource access.
- E. Zones can help in controlling application location launches through zone preference.

**Answer:** ACE

#### NEW QUESTION 55

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